| <br>of Claims |  |
|---------------|--|
|               |  |

Application/Control No.

10/726,121

Examiner

Parikha Solanki

Applicant(s)/Patent under Reexamination

ASSMANN, STEFAN

Art Unit

3737

| <b>√</b> | Rejected |
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| =        | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
|   | Interference |

| A | Appeal   |
|---|----------|
| o | Objected |

| E     D       | Claim    | Γ                |          | ח               | ate      | 3             |          |                     | $\neg$          | Γ        | Cla      | im       | Ι               |          |          | D        | ate      |         |         | _         | 1 | Cla      | aim      |          |          |           |          | ate      |           |          |          |   |
|---|----------|------------------|----------|-----------------|----------|---------------|----------|---------------------|-----------------|----------|----------|----------|-----------------|----------|----------|----------|----------|---------|---------|-----------|---|----------|----------|----------|----------|-----------|----------|----------|-----------|----------|----------|---|
| 1     0     51     101     102     102     102     102     103     103     103     103     103     103     103     103     103     103     103     103     103     104     104     104     104     104     104     104     104     104     105     105     105     105     105     105     105     105     106     107     108     109    |          |                  | Т        | ΠĬ              | <u> </u> |               |          |                     | $\neg$          |          |          |          | П               | $\neg$   | $\neg$   | Ť        | Ť        | $\top$  | Т       | 1         | 1 | <u> </u> |          |          |          |           | r        | Ī        |           |          | $\neg$   | - |
| 102   | Original | 11/6/06          |          |                 |          |               |          |                     |                 |          | Final    | Original | :               |          |          |          |          |         |         |           |   | Final    | Original |          |          |           |          |          |           |          |          |   |
| 102   | 1        | امرا             | +        |                 | _        | $\dashv$      | _        | $\dashv$            |                 | -        |          | 51       | H               | $\dashv$ | +        | +        | +        | +       | +       | +         | ł |          | 101      |          | -        | -         | _        | -        |           | -        | ┪        | - |
| 3   |          |                  | $\vdash$ |                 | _        | $\dashv$      | _        | -                   | $\neg$          |          |          |          | $\vdash$        | 十        | _        | +        | +        | 十       | +       | $\dagger$ | 1 | $\vdash$ |          |          |          |           |          | $\neg$   |           | 7        | $\dashv$ | _ |
| 4   |          |                  | 1        |                 | _        | $\dashv$      | $\neg$   | -                   |                 |          | <u> </u> |          | $\vdash$        | 十        | 十        | $\top$   | $\top$   | $\top$  | +       | 1         | 1 |          |          |          | 一        |           |          | ┪        |           | 7        | 寸        |   |
| 55   V  |          | ——               |          |                 | _        | $\dashv$      | _        | -                   |                 | ŀ        |          |          | H               | $\dashv$ | 十        | $\dashv$ | ┪        | _       | $\top$  | 十         | 1 | -        |          |          |          |           |          |          |           | _        | 十        |   |
| 6   |          |                  | 1        |                 | _        | _             | _        | 1                   |                 | <u> </u> |          |          | П               | 寸        | _        | 1        | 十        | +       | $\top$  | 1         | i |          |          |          |          |           |          |          |           | _        | ┪        |   |
| 10  |          |                  | 1        |                 |          | $\neg$        |          | $\neg$              |                 | r        |          |          | П               | $\neg$   | 十        | $\top$   | $\neg$   | $\top$  | 1       | †         | 1 |          |          |          | $\neg$   |           |          |          |           | $\neg$   | 寸        |   |
| S   |          |                  | T        |                 | T        | $\neg$        |          | $\Box$              |                 |          |          | 57       | П               | ヿ        | す        | $\top$   | $\top$   | $\top$  | $\top$  | 1         | 1 |          |          |          | $\neg$   |           |          |          |           | $\neg$   | 寸        |   |
| 10  |          |                  | Τ        | П               |          | $\neg$        |          |                     |                 |          |          |          | П               |          | 7        | T        | 1        |         |         |           | 1 |          | 108      |          |          |           |          |          |           |          | ヿ        |   |
| 11  | 9        | <b>V</b>         |          |                 |          |               |          |                     |                 | Γ        |          |          |                 | $\Box$   |          |          |          |         |         |           |   |          | 109      |          |          |           |          |          |           |          | $\Box$   |   |
| 112   | 10       | <b>√</b>         |          |                 |          |               |          |                     |                 |          |          |          |                 |          |          |          |          |         |         |           | ] |          |          |          |          |           |          |          |           |          | $\Box$   |   |
| 13  |          | <b>√</b>         |          |                 |          |               |          |                     |                 |          |          |          |                 |          |          |          |          |         | $\perp$ | 1_        | ] |          |          |          |          |           |          |          |           |          |          |   |
| 14   15   64   114   15     16   66   115   116   116     17   66   117   117   117     18   68   118   119   119   119     20   70   120   120   120   120   121   121   121   122   122   122   122   122   122   122   123   123   124   124   124   124   124   124   124   125   126   126   126   126   127   127   127   127   127   127   127   127   127   127   128   129   130   130   130   130   130   130   131   131   131   131   131   131   131   131   131   131   131   131   131   132   132   133   133   133   133   133   133   133   133   133   133   133   133   133   133   133   135   136   136   136   |          | $ \sqrt{ }$      | oxdot    | Ш               | $\Box$   |               |          | $\Box$              |                 |          |          |          | П               | $\Box$   | $\perp$  | $\perp$  |          |         |         |           | 1 |          |          |          | $\Box$   |           |          |          |           |          | $\Box$   |   |
| 15  |          | $\sqcup \sqcup$  | 1_       |                 | _        | $\dashv$      |          |                     |                 | L        |          |          |                 | _        | _        |          | _ _      | $\perp$ |         | _         | 1 |          |          |          | _        |           |          |          |           |          | _        |   |
| 16  |          | _ _              | _        | Щ               | _        |               |          | $\sqcup$            | Ш               | L        |          |          | Ш               | _        | _        | 4        | $\bot$   | 1       | 4       | 1_        | 1 | <u> </u> |          |          | _        | _         |          |          |           | _        | _        | _ |
| 17  |          |                  | ـــ      | $\perp$         | _        | _             | _        | _                   | _               | L        |          |          |                 | 4        | 4        | 4        | 4        | 4       |         | 4_        |   |          |          | _        | $\dashv$ |           |          |          | _         | _        | _        |   |
| 18   19   68   118   119   119   119   119   120   120   120   121   121   121   121   121   121   122   123   123   123   123   123   123   123   123   123   123   123   124   124   124   124   124   124   124   125   125   125   125   126   127   127   127   127   127   127   127   127   127   128   129   130   130   130   130   131   131   131   131   131   131   131   131   131   131   131   132   133   133   133   133   133   133   134   134   134   134   134   134   134   134   134   135   135   135   135   135   135   136   136   136   136   136   136   136   136   136   136   137   137   137   137   138   138   138   138<   |          | $\vdash\vdash$   | _        | $\vdash \vdash$ | _        | _             |          | $\dashv$            | $\dashv$        | -        |          |          | $\vdash \vdash$ | 4        | $\perp$  | -        | _        | -       | +       | 1         | - | <u></u>  |          |          | 4        | _         | _        | _        | $\dashv$  |          | _        | _ |
| 19   69   119     20   70   120     21   71   121     72   122     23   123   123     24   124   124     25   75   125     26   77   127     28   77   127     28   79   129     30   80   130     31   81   131     32   82   132     33   83   133     34   84   134     35   86   136     37   87   137     38   88   138     39   89   139     40   90   140     41   91   141     42   92   142     43   44   94     44   95   145   |          | - -              | ┼        | $\vdash$        | 4        | $\dashv$      | _        | $\vdash \downarrow$ | Щ               | -        |          |          | $\vdash$        | -        |          | +        | -        | -       | +-      | -         | 1 | <u> </u> |          |          |          | _         |          |          | $\square$ | _        | $\dashv$ | _ |
| 20   120   120   121   121   121   121   122   122   123   123   123   123   123   123   123   123   123   124   124   125   125   126   126   127   127   128   128   128   128   128   129   129   130   130   131   131   131   131   132   133   133   131   131   132   133   133   133   133   133   134   134   134   134   134   134   134   135   136   137   138   138   138   138   138   139   140   141   141   141   141   141   142   143   144   144   144   144   144   144   144   144   144   144   144   144   144   144   144   144   144   144   145   145   145   145   145   145   145   145   145   145   145   145   145   145   14   |          | $\vdash$         | $\vdash$ | Н               |          | $\dashv$      | -        | $\rightarrow$       | $\dashv$        | $\vdash$ |          |          | $\vdash$        | $\dashv$ | $\dashv$ | +        | +        | +       | +       | +         | - |          |          | _        |          | _         | _        |          | $\dashv$  | $\dashv$ | $\dashv$ |   |
| 21   71   72   121   122   123   123   123   123   124   124   124   124   124   125   126   126   126   126   127   127   128   127   128   129   130   130   130   131   131   131   131   131   132   132   132   132   133   134   134   134   134   134   134   134   134   134   134   135   136   136   137   138   138   138   139   139   140   141   141   141   141   141   141   142   143   144   144   144   144   144   144   144   144   144   144   144   144   144   144   144   144   144   144   144   145<   |          | - -              | +-       | $\vdash$        | $\dashv$ | $\dashv$      | -        | +                   | $\dashv$        | ┝        |          |          | Н               | $\dashv$ | -        |          |          | +       | +-      | ┼         | ł |          |          | -        | $\dashv$ | _         | _        | $\vdash$ | $\dashv$  | -        | -        | _ |
| 22     72     122     123     123     123     123     123     124     124     124     124     125     125     125     125     125     125     126     126     126     126     127     127     127     127     127     128     128     128     128     129     129     129     129     130     130     131     131     131     131     131     131     131     132     132     133     133     133     133     133     134     134     134     134     134     134     134     135     135     135     135     135     135     135     135     136     137     137     137     137     137     138     138     138     138     139     140     140     141     141     142     142     142     142     143     143     144     144     144     144     144     144     144     145     145     145 |          | - -              | -        |                 | -        | -             |          |                     | -               | -        |          |          | $\vdash$        | -        | +        | +        | +        | +       | ╁       | +-        |   | <u> </u> |          |          |          | _         |          | -        | -         | -        | -        | _ |
| 23   73   123   124     24   74   125   125     25   76   126   126     27   77   127   128     29   79   129   129     30   80   130   131     31   81   131   131     32   82   132   132     33   83   133   134     35   86   136   136     37   86   136   137     38   88   138   138     39   90   140   140     41   91   141   141     42   92   142   143     44   94   144   144     45   95   145   145   |          |                  | +        | $\vdash$        |          | -             | $\dashv$ |                     | $\dashv$        | ⊢        |          |          | $\vdash$        | $\dashv$ | +        | +        | -        | +       | +-      | ╀         |   | <u> </u> |          | $\dashv$ |          | -         | -        | $\dashv$ |           | -        | $\dashv$ | _ |
| 24   74   124     25   75   125     26   76   126     27   77   127     28   78   128     29   79   129     30   80   130     31   81   131     32   82   132     33   83   133     34   84   134     35   85   135     36   86   136     37   87   137     38   88   138     39   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145   |          | $\vdash\vdash$   | +        | $\vdash$        | -        | $\dashv$      | -        | $\vdash$            | $\dashv$        | -        |          | 72       | -               | $\dashv$ | +        | +        | +        | +       | +       | +         | ł |          |          | -        |          | -         | $\dashv$ | -        | $\dashv$  | $\dashv$ | $\dashv$ |   |
| 25   75   125   126     27   76   126   127     28   78   128   129     30   80   130   130     31   81   131   131     32   82   132   132     33   83   133   134     35   85   135   135     36   86   136   137     38   88   138   139     40   90   140   141     42   92   142   142     43   94   144   144     45   95   145   145   |          |                  |          | $\vdash$        | -+       | -             | $\dashv$ | $\vdash$            | -               | ┢        |          |          | H               | $\dashv$ | +        | +        | +        | +       | +       | +         | ł |          |          | $\dashv$ | ╅        | $\dashv$  |          | -        |           | +        | $\dashv$ |   |
| 26   76   126   127     28   77   78   128   128     29   80   130   130   131   131   131   131   131   131   132   132   132   132   133   133   133   133   133   134   134   134   134   134   135   135   136   136   137   137   138   138   138   138   139   140   141   141   141   141   141   141   141   142   142   142   143   144   144   144   144   144   144   144   144   144   144   144   144   145  |          | -                | ╁┈       |                 | $\dashv$ | ᆉ             | $\dashv$ | $\vdash$            | -               | ⊢        |          |          | $\vdash$        | 十        | 十        | +        | +        | +       | ┿       | +         | ł | $\vdash$ |          | $\dashv$ | $\dashv$ | -         | Н        | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$ |   |
| 27   38   77   127   128   128   129   129   129   129   129   130   130   131   131   131   131   132   132   132   133   133   133   133   133   134   134   134   134   135   135   136   135   136   137   137   138   138   138   138   138   139   139   140   141   141   141   141   141   141   142   142   143   144   144   144   144   144   144   144   145<   |          |                  | +        | -               |          | 十             | $\dashv$ | -                   | $\dashv$        | -        |          |          | $\vdash$        | ╅        | +        | +        | +        | +       | ╁       | +         | 1 |          |          | $\dashv$ | ┪        |           | Н        | ┪        |           | -        | -        | _ |
| 28   78   128     29   79   129     30   80   130     31   81   131     32   82   132     33   83   133     34   84   134     35   85   135     36   86   136     37   87   137     38   88   138     39   89   139     40   90   140     41   91   141     42   92   142     43   94   144     44   94   144     45   95   145   |          | <del>    -</del> | 1        | -               | 寸        | 寸             | $\neg$   | $\neg$              | $\Box$          | F        |          |          | H               | 十        | 十        | $\dashv$ | _        | - -     | +       | 十         | i |          | 127      | -        | 一        | _         |          |          | -         | _        | 7        |   |
| 29 79   30 80   31 81   32 82   33 83   34 84   35 85   36 86   37 87   38 88   39 89   40 91   41 91   42 92   43 94   44 94   45 95   |          |                  | 1        | $\vdash$        | $\neg$   | 寸             |          | $\neg$              |                 | <u> </u> |          |          |                 | 十        | 十        | +        | 寸.       | _       | 1       | T         | İ |          |          |          | 一        | _         |          | $\neg$   |           | $\neg$   | 7        | _ |
| 30 80   31 81   32 82   33 83   34 84   35 85   36 86   37 87   38 88   39 89   40 90   41 91   42 92   43 94   44 94   45 145  |          |                  |          | $\Box$          | $\neg$   | 一             |          |                     |                 |          |          |          |                 | 丁        | $\neg$   | 7        | 1        |         | 1       |           | 1 |          | 129      |          |          |           |          |          |           |          | $\neg$   |   |
| 32   82   132     33   83   133     34   84   134     35   85   135     36   86   136     37   87   137     38   88   138     39   89   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145   | 30       |                  |          |                 |          | T             |          | 1                   |                 |          |          | 80       |                 | T        | T        | T        | T        | 1       | 1       | 1         | 1 |          |          |          | $\neg$   |           |          |          |           | $\Box$   | $\neg$   |   |
| 33   83   133   134     34   84   134   134     35   85   135   135     36   86   136   137     38   87   137   137     38   88   138   138     39   89   139   139     40   90   140   141     41   91   141   141     42   92   142   143     43   94   144   144     45   95   145   145   |          |                  |          |                 |          |               |          |                     |                 |          |          | 81       |                 | Ī        |          |          |          | 1       | 1       | T         | ĺ |          |          |          | $\neg$   |           |          |          |           |          | $\neg$   |   |
| 34   84   134     35   85   135     36   86   136     37   87   137     38   88   138     39   89   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145   |          |                  |          |                 |          |               |          |                     |                 |          |          |          |                 |          |          |          |          |         |         |           | ] |          |          |          |          |           |          |          |           |          |          |   |
| 35   85   135     36   86   136     37   87   137     38   88   138     39   89   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145   |          |                  |          | $\sqcup$        | _        | _             |          |                     |                 | L        |          |          |                 |          |          |          |          |         |         |           |   |          |          |          |          |           |          |          |           |          | $\perp$  |   |
| 36 86   37 87   38 88   39 89   40 90   41 91   42 92   43 93   44 94   45 95   |          |                  |          | $\Box$          |          | [             |          |                     |                 | Ĺ        |          |          | Ш               |          |          | $\perp$  |          | $\perp$ | $\perp$ | L         |   |          |          |          | $\Box$   |           |          | $\Box$   |           |          | J        |   |
| 37 88   38 88   39 89   40 90   41 91   42 92   43 93   44 94   45 95   |          | $\sqcup \bot$    | $\sqcup$ | $\sqcup$        | _        | _             |          |                     | $\sqcup$        | L        |          |          | Ш               | _        |          | $\perp$  | $\perp$  | 1       | $\perp$ | ļ         |   |          |          | $\dashv$ |          | _         | Ш        | _        |           | _        | _        |   |
| 38 88   39 90   40 91   41 92   43 93   44 94   45 95   | 36       |                  | $\sqcup$ | $\sqcup$        | _        | 4             |          | $\sqcup$            | Ц               | L        |          |          | $\sqcup$        | $\dashv$ | 4        | 4        | $\perp$  | 4       | 4       | 1         |   |          |          | _        | _        |           | Щ        | _        | $\Box$    |          | _        | _ |
| 39 89   40 90   41 91   42 92   43 93   44 94   45 95   |          | $\vdash \vdash$  | $\vdash$ | $\dashv$        |          |               | _        | _                   | _               | <u> </u> |          |          |                 | _        | 4        | $\perp$  | 4        | +       | ╀-      | ↓_        |   |          |          | _        | _        |           |          | _        |           | _        | 4        |   |
| 40 90   41 91   42 92   43 93   44 94   45 95   |          | $\vdash \vdash$  | $\vdash$ | $\vdash \vdash$ | _        | -             | _        |                     | $\dashv$        | Ļ        |          |          | $\vdash$        | 4        | +        | +        | $\bot$   | +       | 4       | $\perp$   |   | <u> </u> |          |          |          | _         | $\sqcup$ | _        | _         | }        | $\dashv$ |   |
| 41 91 141   42 92 142   43 93 143   44 94 144   45 95 145   | 39       | $\vdash\vdash$   | $\vdash$ | $\vdash \vdash$ | 4        | _             | _        | $\dashv$            |                 | -        |          | 89       | $\vdash$        | $\dashv$ | +        | +        | $\dashv$ | +       | -       | $\vdash$  | - | <u> </u> | 139      |          |          | _         | Ш        | _        | -         | _        | $\dashv$ | _ |
| 42 92   43 142   93 143   44 94   45 95   | 40       | $\vdash\vdash$   | $\vdash$ | $\dashv$        | -        | $\dashv$      |          | -                   |                 | -        |          | 90       |                 | $\dashv$ |          | +        | +        | +-      | -       | $\vdash$  | 1 | <b> </b> | 140      | -        |          | -         | Н        |          | $\dashv$  |          |          | _ |
| 43 93   44 94   45 95   |          |                  | $\vdash$ | $\vdash \vdash$ |          | $\dashv$      | -        | $\dashv$            | $\dashv$        | F        | -        |          | $\vdash$        | $\dashv$ | +        | +        | +        | +       | +       | +         | 1 | $\vdash$ |          | -        | $\dashv$ | -         | Н        |          |           | -        | $\dashv$ |   |
| 44  |          | $\vdash$         | +        | $\vdash$        | $\dashv$ | -             |          | $\dashv$            | $\dashv$        | -        |          | 92       | $\vdash$        | $\dashv$ | +        | +        | +        | ┿       | ╫       | +-        | 1 |          |          |          |          | -         | Н        | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$ | _ |
| 45 95 145   |          | $\vdash\vdash$   | +        | $\vdash$        | $\dashv$ | $\dashv$      |          | +                   | $\dashv$        | F        |          |          | $\vdash$        | +        | $\dashv$ | +        | +        | +       | +       | +         | 1 | $\vdash$ |          | -        |          | -         | H        |          |           | +        | $\dashv$ |   |
| <del>}~~\;````</del>  | 45       | - -              | +        | $\vdash$        | +        | $\dashv$      | $\dashv$ | -                   | $\dashv$        | <b> </b> | $\dashv$ | 95       | -               | $\dashv$ | +        | +        | +        | +       | +       | +         | 1 | $\vdash$ | 145      | -        | $\dashv$ | ᅱ         | Н        | -        | $\vdash$  | $\dashv$ | $\dashv$ | _ |
| 1   40   1  | 46       |                  | $\vdash$ | $\dashv$        | $\dashv$ | $\dashv$      | $\dashv$ | +                   | $\dashv$        | H        | -        | 96       | $\vdash$        | 十        | 十        | +        | +        | +       | +-      | +-        | 1 |          | 146      | -        | $\dashv$ | -         | Н        |          | $\dashv$  | $\dashv$ | $\dashv$ |   |
| 47 97 147   |          | -                | T        | $\dashv$        | $\dashv$ | $\rightarrow$ | $\neg$   | _                   | $\dashv$        | F        | $\neg$   | 97       | $\vdash$        | $\dashv$ | +        | +        | $\dashv$ | +       | +-      | $\vdash$  | 1 | $\vdash$ | 147      | -        | $\dashv$ | $\neg$    | Н        | _        | $\dashv$  | $\dashv$ | $\dashv$ |   |
| 48 98 148 148   |          |                  | T        | $\dashv$        | $\dashv$ | 寸             | 一        | $\dashv$            | $\neg \uparrow$ | 卜        |          |          | $\vdash$        | $\dashv$ | $\dashv$ | 十        | $\dashv$ | 十       | +-      | T         | 1 | $\vdash$ |          | $\neg$   | 一        |           | $\vdash$ | 一        |           | -        | 十        |   |
| 49   149   149   149   149   1  | 49       |                  | П        | $\dashv$        | ┪        | 寸             | ᅦ        |                     | $\neg$          | F        |          | 99       |                 | 十        | $\top$   | ナ        | $\dashv$ | 十       | 1-      | T         |   | $\vdash$ | 149      | $\neg$   | $\neg$   | $\exists$ | $\vdash$ | $\dashv$ | $\dashv$  | 寸        | 寸        |   |
| 50 100 150 150  | 50       |                  | П        | $\Box$          | $\neg$   | $\dashv$      |          |                     |                 |          |          | 100      | П               | 寸        | 7        | 十        | $\top$   | 十       | 1       |           | 1 |          |          | $\neg$   | 一        |           | М        |          | $\neg$    | 寸        | $\dashv$ |   |